

#23/B
Dra. Plunkett

PATENT

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Richard T. DEAN et al.

Art Unit: 1811

Serial No.: 08/236,402

Examiner: Davenport

Filed : 02 May 1994

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Title : TECHNETIUM-99m LABELED IMAGING AGENTS APR 15 1998

Assistant Commissioner for Patents
Washington, DC 20231

MATRIX CUSTOMER
SERVICE CENTER

AMENDMENT UNDER 37 C.F.R. § 1.111 AND
REQUEST FOR INTERFERENCE UNDER 37 C.F.R. § 1.607

In response to the Office Action of 3 March 1998,
kindly amend the above-identified application as follows:-

In the Claims:

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Cancel claims 25 through 33, inclusive.

APR 15 1998

Add the following new claims 34 through 37:

--34. A peptide comprising

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a biological-function domain which causes the
peptide to localize at a target site, and

a metal ion-binding domain which comprises
the sequence Gly-Gly-Z or Gly-Gly-Gly-Z
wherein Z is selected from the group
consisting of cysteine, homocysteine,
isocysteine, penicillamine, 2-
mercaptoethylamine, 3-mercaptopropylamine and
D-stereoisomers thereof.--

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